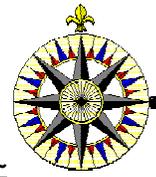


-CAMP LONG COMPASS COURSE DIRECTIONS-



Welcome to Camp Long, and thank you for deciding to participate in the compass course. This course was created in the 1950's along with the Compass Rose in Camp Long, but was refurbished along with the Rose as part of my eagle project. Please enjoy yourself as you take on this course and get lost in the immense beauty of Camp Long's wilderness.

What is a compass course exactly? Well a compass course is a challenging game, a test of your skills based upon how well you know your compass. From each point in the course, a new set of directions, measured by feet and degrees on the compass, are added, and you as the player must find each point based on the clue given to you in the directions. But be wary, because even if you are one degree off, it can send you spiraling off in a completely different direction than you intended. Successful completion of this course will require great attention to detail and precision in your measurements.

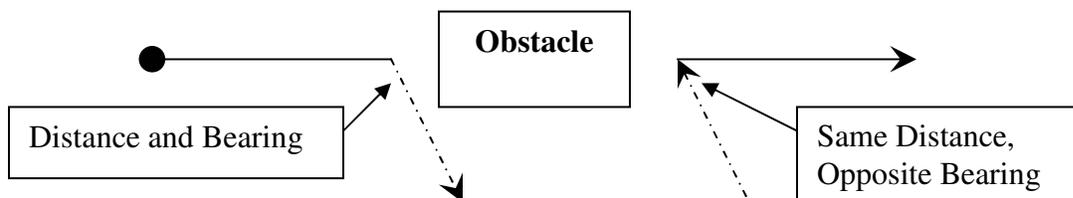
For this course, you can calculate the distance between points in two different ways: paces and in feet. The number of feet is mentioned on the compass course sheet, but if you want to use paces, more specific instructions will be used. If you don't know how to find paces, simply walk the known distance, count how many times you're feet hit the ground, and then divide the feet by that number.

$$\text{Paces} = \text{Feet} / \text{Steps Taken}$$

This compass course will not require many materials, but it will require time and patience. You will need a compass to find the points, and possibly a string at least one hundred feet if you want to be specific in your measurements. Also, we can't forget the most important material being a good buddy to help you through the course and succeed.

TIPS:

- In order to find your destination correctly, you must first adjust your compass to the true North Pole, called declinating. Here in Seattle, 20 degrees is our declination amount, so simply turn the center of your compass right until the arrow points at 20 degrees.
- If your compass has a mirror, utilize it in sighting your target. It can help you a lot in finding your next destination.
- If there are campers about in their campsites, be courteous around them, and also be sure to not disturb the plant life. In this way, everyone can enjoy the great outdoors.
- When navigating around obstacles, you have two options. You can both estimate how many feet are taken up by the obstruction and continue on, or you can follow the chart below.



Have fun and good luck!
Alexander Haines
Eagle Project, BSA Troop 282

Special thanks to everyone in Troop 282!

Directions and clues to complete the compass course:

<u>Compass Points</u>	<u>Direction to point</u>	<u>Clue</u>
1	Starting Point	Middle of Compass Circle
2	150 degrees, 156 Ft.	"Bridge over troubled water"
3	100 degrees, 149 Ft.	Tree Behind cabin- (Branches out three times)
4	180 degrees, 133 Ft.	[Water] fountain of youth
5	178 degrees, 480 Ft.	The smallest of three trees
6	62 degrees, 144 Ft.	"Recreational Equipment, Inc. Mountaineers- Everett Branch King County Council Member..."
7	315 degrees, 473 Ft.	Lone tree
8	339 degrees, 96 Ft.	LARGE tree
9	289 degrees, 167 Ft.	Behind Madrona tree-between two trees. After reaching point 9, go 21 Ft, bearing 95 degrees, to take measurements for point10.
10	349 degrees, 160 Ft.	Small spit of grass near turn down hill
11	80 degrees, 106 Ft.	Tree behind cabin off trail
12	24 degrees, 90 Ft.	Small Stump
13	0 degrees, 111 Ft.	Info Board at Trail Fork
14	158 degrees, 158 Ft.	Where the game began...



Look for these markers at each of the points, and you will know you have reached the right spot.

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Special thanks to everyone in Troop 282!